

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4694	313/506-512.ccls. AND (hydrophobic microcontact flexible ITO)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/21 07:04
S2	2022	S1 AND @ad<"20041006"	USPAT	OR	ON	2007/09/21 07:05
S3	2014	S2 AND (electroluminescent display protection pixel electrode monolayer)	USPAT	OR	ON	2007/09/21 08:26
S4	120	S2 AND (electroluminescent display protection pixel electrode)	USPAT	AND	ON	2007/09/21 07:39
S5	2	S4 AND (hydrophobic OR hydrophobic)	USPAT	AND	ON	2007/09/21 07:15
S6	1	"5952778".pn.	USPAT	AND	ON	2007/09/21 07:15
S7	20	("4356429"   "4539507"   "4983310"   "5124204"   "5169547"   "5189549"   "5214306"   "5247190"   "5296724"   "5328580"   "5337374"   "5362410"   "5373175"   "5391756"   "5408109"   "5449926"   "5593788"   "5757126"   "5771562"   "5811177").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/21 07:17
S8	167363	S3 AND ("poly(tert-butylacrylate)") OR ("polytertbutylacrylate") OR ("polyelectrolyte") OR hydrophilic OR hydrophobic OR ("poly(lactic acid)") or ("polylactic"))	USPAT	AND	ON	2007/09/21 07:43
S10	108	S3 AND ("poly(tert-butylacrylate)") OR ("polytertbutylacrylate") OR ("polyelectrolyte") OR hydrophilic OR hydrophobic OR ("poly(lactic acid)") or ("polylactic"))	USPAT	OR	ON	2007/09/21 07:47
S11	19	S10 AND butyl	USPAT	OR	ON	2007/09/21 07:55
S12	0	S11 AND trimethoxy	USPAT	OR	ON	2007/09/21 07:56
S13	1	S10 and (tri-methoxy OR trimethoxy)	USPAT	OR	ON	2007/09/21 07:57
S14	622	S2 AND ("micro-contact printing") ("microcontact printing") ("micro contact printing") ((micro \$1contact) with (print\$3))	USPAT	OR	ON	2007/09/24 06:09
S15	55	S14 AND ((electroluminescent or electroluminescence) AND (display OR panel))	USPAT	OR	ON	2007/09/21 08:36

S16	32	S15 AND (trimethoxy OR trimethoxy OR tert-butylacrylate OR polyacrylic OR polyelectrolyte OR polyamine OR silane)	USPAT	OR	ON	2007/09/21 08:43
S17	413	S14 AND monolayer	USPAT	OR	ON	2007/09/21 11:16
S18	229	S17 AND (self\$assembled adj mono\$layer)	USPAT	OR	ON	2007/09/21 11:27
S19	256	S17 AND (hydrophobic OR hydrophilic)	USPAT	OR	ON	2007/09/22 06:50
S20	150	S18 AND (hydrophobic OR hydrophilic)	USPAT	OR	ON	2007/09/21 11:58
S21	189	S14 and (flexible same substrate)	USPAT	OR	ON	2007/09/21 14:20
S22	18	S21 AND (microcontact same flexible)	USPAT	OR	ON	2007/09/21 12:02
S23	4694	313/506-512.ccls. AND (hydrophobic microcontact flexible ITO)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/21 14:21
S24	2022	S23 AND @ad< "20041006"	USPAT	OR	ON	2007/09/21 14:21
S25	622	S24 AND ("micro-contact printing") ("microcontact printing") ("micro contact printing") ((micro\$1contact) with (print\$3))	USPAT	OR	ON	2007/09/21 14:21
S26	189	S25 and (flexible same substrate)	USPAT	OR	ON	2007/09/21 14:21
S27	105	S26 AND ((protection adj layer) OR dielectric OR passivation)	USPAT	OR	ON	2007/09/21 14:34
S28	0	S26 AND (protection adj layer)	USPAT	OR	ON	2007/09/21 14:34
S29	0	S25 AND (protection adj layer)	USPAT	OR	ON	2007/09/21 14:35
S30	90	S24 AND (protection adj layer)	USPAT	OR	ON	2007/09/21 14:49
S31	1	S24 AND (hydrophobic same protection)	USPAT	OR	ON	2007/09/21 14:50
S32	3	("hydrophobic layer") same ("protection layer")	USPAT	OR	ON	2007/09/21 15:27
S33	1	"20050012975"	US-PGPUB	OR	ON	2007/09/22 06:03
S34	0	"7094121".pn.	US-PGPUB	OR	ON	2007/09/22 06:03
S35	1	"7094121".pn.	USPAT	OR	ON	2007/09/22 06:03
S36	4694	313/506-512.ccls. AND (hydrophobic microcontact flexible ITO)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 06:51
S37	2022	S36 AND @ad< "20041006"	USPAT	OR	ON	2007/09/22 06:51

S38	622	S37 AND ("micro-contact printing") ("microcontact printing") ("micro contact printing") ((micro\$1contact) with (print\$3))	USPAT	OR	ON	2007/09/22 06:51
S39	413	S38 AND monolayer	USPAT	OR	ON	2007/09/22 06:51
S40	256	S39 AND (hydrophobic OR hydrophilic)	USPAT	OR	ON	2007/09/22 06:51
S41	30	S40 and ((protection protective) SAME layer)	USPAT	OR	ON	2007/09/22 06:58
S42	158	S37 and (((protection protective) adj layer) near20 electrode)	USPAT	OR	ON	2007/09/22 07:00
S43	18	S42 and (hydrophobic hydrophilic monolayer)	USPAT	OR	ON	2007/09/22 07:07
S44	5	S42 and (hydrophobic hydrophilic)	USPAT	OR	ON	2007/09/22 07:10
S45	1465	"313".CLAS. and (electroluminescent adj display)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:19
S46	2	S45 AND ((hydrophobic OR hydrophilic) same (protecti\$2 adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:25
S47	15	"313".clas. and ((hydrophobic OR hydrophilic) same (protecti\$2 adj layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:28
S48	51	S45 AND (hydrophobic or hydrophilic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:33
S49	23	S48 and ((protection protective insulating insulation) adj layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:41
S50	2	S45 and (((insulating adj layer) OR (protective adj layer) OR (protection adj layer) OR (insulation adj layer)) near40 (hydrophobic))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:56
S51	0	"7270871.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 07:56
S52	0	"7270871.pn."	USPAT	OR	ON	2007/09/22 07:56
S53	1	"7270871".pn.	USPAT	OR	ON	2007/09/22 08:34
S54	0	((("poly(tert-butylacrylate)" "polytert-butylacrylate") near40 polyethylene) AND (hydrophobic))	USPAT	OR	ON	2007/09/22 08:36
S55	0	((("poly\$tert-butylacrylate" "polytert-butylacrylate") near40 polyethylene) AND (hydrophobic))	USPAT	OR	ON	2007/09/22 08:37
S56	3	("poly\$tert-butylacrylate" "polytert-butylacrylate")	USPAT	OR	ON	2007/09/22 08:41
S57	3	(polyelectrolyte near20 polyamine) AND (hydrophobic near20 polystyrene)	USPAT	OR	ON	2007/09/22 08:47

S58	3	(polyelectrolyte near20 polyamine) AND (hydrophilic near20 polystyrene)	USPAT	OR	ON	2007/09/22 08:48
S59	1	"5952778".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/22 09:02
S60	1	"6114099".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 06:03
S61	4694	313/506-512.ccls. AND (hydrophobic microcontact flexible ITO)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 06:11
S62	2022	S61 AND @ad<"20041006"	USPAT	OR	ON	2007/09/24 06:11
S63	622	S62 AND ("micro-contact printing") ("microcontact printing") ("micro contact printing") ((micro\$1contact) with (print\$3))	USPAT	OR	ON	2007/09/24 06:11
S64	239	S63 and (polysterene polyacrylic polyelectrolyte polyamine poly \$lactic polyethylene hyperbranch \$2 butylacrylate)	USPAT	OR	ON	2007/09/24 06:14
S65	321	S63 and (polystyrene polyacrylic polyelectrolyte polyamine poly \$lactic polyethylene hyperbranch \$2 butylacrylate)	USPAT	OR	ON	2007/09/24 07:38
S66	1	S63 AND (tert\$1butyl\$acrylate)	USPAT	OR	ON	2007/09/24 08:20
S67	1	S63 AND (tert\$butyl\$acrylate)	USPAT	OR	ON	2007/09/24 08:20
S68	6	S63 AND butyl\$acrylate	USPAT	OR	ON	2007/09/24 08:44
S69	2	S62 and (micro\$1contact adj printing)	USPAT	OR	ON	2007/09/24 08:46
S70	0	S63 AND (("PTBA") OR poly\$1tert \$1butyl\$1acrylate OR ("poly tert butyl acrylate"))	USPAT	OR	ON	2007/09/24 08:51
S71	198	((("PTBA") OR poly\$1tert\$1butyl \$1acrylate OR ("poly tert butyl acrylate"))	USPAT	OR	ON	2007/09/24 08:52
S72	110	S71 AND ((micro contact) OR (micro\$1contact))	USPAT	OR	ON	2007/09/24 08:52
S73	110	S72 and D@ad<"20041006"	USPAT	OR	ON	2007/09/24 08:53
S74	1	"6808972".pn.	USPAT	OR	ON	2008/03/27 08:48
S75	1556	"313".CLAS. and (electroluminescent adj display)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:44
S76	55	S75 AND (hydrophobic or hydrophilic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:44
S77	1	S76 and kishimoto.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:44

S78	107	(electroluminescent) and (hydrophobic) and ((protection insulation passivation encapsulation) near1 layer) and (cathode anode ("first electrode") ("second electrode"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:52
S79	51	S78 and @ad<"20041006"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:52
S80	1	S79 and (hydrophobic near10 ((protection passivation dielectric) near1 layer))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:55
S81	37	S79 and dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 09:57
S82	48	hydrophobic near5 ("protection layer")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:00
S83	1144	(PEDOT and "SiO.sub.2" and (cathode anode electrode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:10
S84	523	S83 and @ad<"20041006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:11
S85	244	S84 and (electroluminescent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:11
S86	0	S85 and (PEDOT near20 ("SiO.sub.2"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:11
S87	0	S85 and (PEDOT near40 ("SiO.sub.2"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:11
S88	1540	(hydrophobic ("SiO.sub.2")) near20 (dielectric passivation insulat\$3 protect\$3) and (electroluminescent) and @ad<"20041006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:15

S89	130	(hydrophobic near40 (protect\$3 dielectric insulat\$4 passivat\$3)) near40 ("first electrode") ("second electrode") cathode anode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:25
S90	6	S89 and electroluminescent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 10:27
S91	1	"7211209".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 10:55
S92	1	("313"/ "445"/).clas. and electroluminescent and ("wet chemical") and hyperbranch\$3 and polyacrylic and fluorinat\$3 and butylacrylate	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 11:03
S93	71	(micro\$1contact) near40 poly(ter-butylacrylate) near40 polyethylene	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 11:21
S94	5	S93 and electroluminescent and @ad< "20041006"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 11:22
S95	1	(micro\$1contact) near10 acrylate	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 11:24
S96	450017	poly(tert-butylacrate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 11:28
S97	2	(tert-butylacrylate) near20 micro \$1contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:29
S98	2	(tert-butylacrylate) near40 micro \$1contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:30
S99	328	(tert-butylacrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:30
S100	0	tBA near20 (microcontact micro \$1contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:33

S101	2	((("wet chemical") (wet-chemical)) near40 (tBA butylacrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:35
S102	1121	fluorin\$5 near40 polyacrylic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:36
S103	93	S102 and hyperbranch\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:36
S104	0	S103 and @ad<"20041006" and electroluminescent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:37
S105	89	S103 and @ad<"20041006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:37
S106	1786	micro\$1contact and @ad<"20041006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:55
S107	1	S106 and (tba \$butylacrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 11:56
S108	227	S106 and (tba acrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 12:01
S109	3	microcontact near20 (tba acrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 12:02

S110	1	S108 and butylacryl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 12:05
S111	3	microcontact near40 (tba acrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 12:36
S112	1	S108 and butylacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:23
S113	0	("soft lithography") near10 butylacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:24
S114	0	("soft lithography") near40 butylacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:24
S115	0	("soft lithography") near40 t- butylacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:24
S116	16	(acrylate near3 polyethylene) and (micro\$1contact ("soft lithography"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:29
S117	27167	polyethylene near10 acrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:32
S118	195	polyethylene near10 butylacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:32



S119	95	polyethylene near5 butylacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:34
S120	0	("butylacrylate on a polyethylene")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:35
S121	5	S118 and (micro\$print\$3 micro- print\$3 microprint\$3 ("soft lithography") stamp\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:39
S122	8	S116 and @ad< "20041006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:41
S123	32	S108 and (acrylate near10 polyethylene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:46
S124	2	S103 and micro\$1contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:51
S125	140	S106 and polyethylene and acrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 13:52
S126	1	"6166439".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/27 13:54

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